

Bull Nutrient Requirements - Roughage Friendly Supplementation

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Nutrient Requirements and Supplementation for 2000 lb Mature Weight Bulls

| Current Wt. | Lb. Gain/day | DM intake | TDN | CP % | CP lb Reqd | CP lb. from Prairie Hay 6% | Supplement CP Reqd. | Source DDGS (lb) | Source 20% Cubes (lb) | Days to Gain 1 BCS |
|-------------|-----------------|-----------|-----|------|------------|-------------------------------|------------------------|---------------------|--------------------------|-----------------------|
| 1200 | 1.7 | 29 | 60 | 7 | 2.0 | 1.7 | 0.3 | 0.9 | 1.3 | 59 |
| 1500 | 1.7 | 32 | 60 | 7 | 2.4 | 1.9 | 0.5 | 1.7 | 2.4 | 59 |
| 1800 | 1.7 | 39 | 60 | 7 | 2.7 | 2.3 | 0.4 | 1.3 | 1.8 | 59 |
| 2000 | 0.5 | 40 | 50 | 7 | 2.8 | 2.4 | 0.4 | 1.4 | 2.0 | 200 |

Average Daily Gain Requirements to Achieve Body Conditions Score Targeted Gains

| | BCS | | BCS | | BCS | |
|------------------|--------|----------|--------|----------|--------|----------|
| | Needed | Wt. Gain | Needed | Wt. Gain | Needed | Wt. Gain |
| Days to Turn Out | 0.5 | 50 | 1 | 100 | 1.5 | 150 |
| 30 | | 1.67 | | 3.33 | | 5.00 |
| 60 | | 0.83 | | 1.67 | | 2.50 |
| 90 | | 0.56 | | 1.11 | | 1.67 |

*Bulls should be in BCS 5.5 - 6.5 at beginning of breeding season; Young bulls need a little

Diet above achieves this level of gain

Requires higher energy and crude protein to achieve

Not recommended